



ELSEVIER

Soil & Tillage Research 32 (1994) 370-372

**Soil &
Tillage
Research**

Author Index

- Acharya, C.L. and Sharma, P.D.
Tillage and mulch effects on soil physical environment, root growth, nutrient uptake and yield of maize and wheat on an Alfisol in north-west India 291
- Auerswald, K., Mutchler, C.K. and McGregor, K.C.
The influence of tillage-induced differences in surface moisture content on soil erosion 41
- Baldy, C., *see* Olufayo, A. et al.
- Ball, B.C. and Robertson, E.A.G.
Effects of soil water hysteresis and the direction of sampling on aeration and pore function in relation to soil compaction and tillage 51
- Barzegar, A.R., Oades, J.M., Rengasamy, P. and Giles, L.
Effect of sodicity and salinity on disaggregation and tensile strength of an Alfisol under different cropping systems 329
- Berry, E.C., *see* Karlen, D.L. et al.
- Boone, F.R., Vermeulen, G.D. and Kroesbergen, B.
The effect of mechanical impedance and soil aeration as affected by surface loading on the growth of peas 237
- Børresen, T. and Njøs, A.
The effect of ploughing depth and seedbed preparation on crop yields, weed infestation and soil properties from 1940 to 1990 on a loam soil in south eastern Norway 21
- Brignall, A.P., *see* Rounsevell, M.D.A. et al.
- Carefoot, J.M., Janzen, H.H. and Lindwall, C.W.
Crop residue management for irrigated cereals on the semi-arid Canadian prairies 1
- Cavalli, R., *see* Chamen, W.C.T. et al.
- Chamen, W.C.T. and Cavalli, R.
The effect of soil compaction on mole plough draught 303
- Chanasyk, D.S., *see* Singh, B. et al.
- Dexter, A.R., *see* Kay, B.D. et al.
- Dick, W.A., *see* Granovsky, A.V. et al.
- Eash, N.S., *see* Karlen, D.L. et al.
- Edwards, W.M., *see* Granovsky, A.V. et al.
- Eggert, T., *see* Roth, C.H. et al.
- Erbach, D.C., *see* Karlen, D.L. et al.
- Etkin, H., *see* Hadas, A. et al.
- Etkin, H., *see* Rawitz, E. et al.
- Etkin, H., *see* Rawitz, E. et al.
- Feyen, J., *see* Mwendera, E.J. et al.
- Giles, L., *see* Barzegar, A.R. et al.
- Granovsky, A.V., McCoy, E.L., Dick, W.A., Shipitalo, M.J. and Edwards, W.M.
Impacts of antecedent moisture and soil surface mulch coverage on water and chemical transport through a no-till soil 223

- Grant, C.D., *see* Kay, B.D. et al.
- Gupta, C.P., *see* Islam, M.S. et al.
- Hadas, A., *see* Rawitz, E. et al.
- Hadas, A., *see* Rawitz, E. et al.
- Hadas, A., Rawitz, E., Etkin, H. and Margolin, M.
 - Short-term variations of soil physical properties as a function of the amount and C/N ratio of decomposing cotton residues. I. Soil aggregation and aggregate tensile strength 183
- Hammel, K.
 - Soil stress distribution under lugged tires 163
- Hoki, M., *see* Islam, M.S. et al.
- Islam, M.S., Salokhe, V.M., Gupta, C.P. and Hoki, M.
 - Effects of PTO-powered disk tilling on some physical properties of Bangkok clay soil 93
- Janzen, H.H., *see* Carefoot, J.M. et al.
- Jordahl, J.L., *see* Karlen, D.L. et al.
- Karlen, D.L., Wollenhaupt, N.C., Erbach, D.C., Berry, E.C., Swan, J.B., Eash, N.S. and Jordahl, J.L.
 - Long-term tillage effects on soil quality 313
- Kay, B.D., *see* Perfect, E. et al.
- Kay, B.D., Dexter, A.R., Rasiah, V. and Grant, C.D.
 - Weather, cropping practices and sampling depth effects on tensile strength and aggregate stability 135
- Kroesbergen, B., *see* Boone, F.R. et al.
- Kronen, M.
 - Water harvesting and conservation techniques for smallholder crop production systems 71
- Lindwall, C.W., *see* Carefoot, J.M. et al.
- Margolin, M., *see* Hadas, A. et al.
- Margolin, M., *see* Rawitz, E. et al.
- Margolin, M., *see* Rawitz, E. et al.
- McCoy, E.L., *see* Granovsky, A.V. et al.
- McGill, W.B., *see* Singh, B. et al.
- McGregor, K.C., *see* Auerswald, K. et al.
- Mutchler, C.K., *see* Auerswald, K. et al.
- Mwendera, E.J. and Feyen, J.
 - Effects of tillage and evaporative demand on the drying characteristics of a silt loam: an experimental study 61
- Njøs, A., *see* Børresen, T. et al.
- Nyborg, M.P.K., *see* Singh, B. et al.
- Oades, J.M., *see* Barzegar, A.R. et al.
- Olufayo, A., Baldy, C., Some, L. and Traoré, I.
 - Tillage effects on grain sorghum (*Sorghum bicolor* (L) Moench) development and plant water status in Burkina Faso 105
- Pathania, P.K. and Thakur, R.C.
 - Effect of soil moisture conservation (bunding) on single and intercropped paddy rice (*Oryza sativa* L.) 213
- Perfect, E. and Kay, B.D.
 - Influence of corn management on dry aggregate tensile strength: Weibull analysis 149
- Rasiah, V., *see* Kay, B.D. et al.
- Rawitz, E., *see* Hadas, A. et al.
- Rawitz, E., Hadas, A., Etkin, H. and Margolin, M.
 - Short-term variations of soil physical properties as a function of the amounts and C/N ratio of decomposing cotton residues. II. Soil compressibility, water retention and hydraulic conductivity 199
- Rawitz, E., Hadas, A., Etkin, H. and Margolin, M.
 - The effect of various residue mulch-tillage combinations on soil physical conditions and performance of irrigated cotton 347

Rengasamy, P., *see* Barzegar, A.R. et al.

Robertson, E.A.G., *see* Ball, B.C. et al.

Roth, C.H. and Eggert, T.

Mechanisms of aggregate breakdown involved in surface sealing, runoff generation and sediment concentration on loess soils 253

Rounsevell, M.D.A. and Brignall, A.P.

The potential effects of climate change on autumn soil tillage opportunities in England and Wales 275

Salokhe, V.M., *see* Islam, M.S. et al.

Sharma, P.D., *see* Acharya, C.L. et al.

Shipitalo, M.J., *see* Granovsky, A.V. et al.

Singh, B., Chanasyk, D.S., McGill, W.B. and Nyborg, M.P.K.

Residue and tillage management effects on soil properties of a typic cryoboroll under continuous barley 117

Some, L., *see* Olufayo, A. et al.

Swan, J.B., *see* Karlen, D.L. et al.

Thakur, R.C., *see* Pathania, P.K. et al.

Traoré, I., *see* Olufayo, A. et al.

Vermeulen, G.D., *see* Boone, F.R. et al.

Wollenhaupt, N.C., *see* Karlen, D.L. et al.

